

THE EAST BAY AMATEUR RADIO CLUB, INC.

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# THE BLOWN FUSE



CLUB STATION W6CUS

VOLUME LXIX NUMBER 4

APRIL 2021

## EBARC Meetings

April 9, 2021, 7:30 p.m.

To Be Announced

Check your email for Zoom link



The Executive Board meets monthly before each general meeting. For the date, time, & location, contact President Jay Sparks, at [rajama@pacbell.net](mailto:rajama@pacbell.net).

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*The Blown Fuse* is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for May issue: Tues., Apr. 27<sup>th</sup>

*[Articles may be submitted by “snail” mail, by dictation over the ‘phone 510-741-8227, or by e-mail to aa6xz@earthlink.net*

## April 9<sup>th</sup> EBARC Meeting

The April 9<sup>th</sup> general EBARC meeting will again be held as a virtual Zoom meeting only. The Zoom link will be sent via email and be posted on [ebarc.org](http://ebarc.org). We hope you join us! Because of the pandemic, future meetings for at least a few more months will also be held via Zoom.

## President's Message Jay Sparks, KJ6HSH

Greetings Members: Spring has gotten off to a wet start. Rain is always welcome, especially as the wildfires have increased. I also look forward to the reopening of the economy, when we will once again be able to visit with family and friends.

We still are trying to find a suitable storage location. These committees; Storage, Steering and Field Day, are looking for interested members who can offer their expertise or just suggestions on how things may be improved. Please contact the Board via email if you would like to participate. Stay safe!

## Treasurer's Report February 2021 Audrey Nieman, W6BBQ, Treas.

### FEBRUARY GENERAL FUND<sup>1</sup>

Beginning Balance .....	\$11,842.13
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#### Income:

New Member, KM6UAU .....	\$30.00
Earned Interest.....	<u>0.03</u>
Total General Income:.....	\$30.03

#### Disbursements:

Roster printing & mailing .....	\$75.35
PO Box annual rental .....	176.00
Zoom software license .....	<u>120.00</u>
Total General Disbursements.....	\$371.35

Ending Balance .....\$11,500.81  
(portion as petty cash..... \$40.00)  
(portion as a US Bank CD... \$5,000.00)

<sup>1</sup>\$100 earmarked for youth scholarships

### FEBRUARY PAYPAL ACCOUNT

Beginning Balance .....	\$96.80
Ending Balance .....	\$96.80

## March 2021 General Minutes Todd Teachout, KM6HFU, Secretary

The EBARC General Meeting was held March 12, 2021, virtually, via the Zoom internet conferencing application as a result of COVID-19 Pandemic restrictions. 22 people attended. The President called the meeting to order at 7:40 p.m.

The President welcomed attendees.

#### **Officer Reports:**

**Secretary:** Todd reported that the draft February General Meeting Minutes were published in the March *Blown Fuse* newsletter. He reported receiving no correction requests

before the meeting, so a new call for corrections was made. None offered. He recommended that the group approve the minutes. Motion to approve by Todd. 2nd by D.J. djovida. The minutes were approved by affirmation. He reported that the February 2021 Executive Committee Meeting Minutes had been approved by the committee earlier in the evening.

**Treasurer:** Audrey reported the club had some revenue and net income in February. Details will be published in the April *Blown Fuse*. If you have specific questions, contact Audrey.

**1st VP-Programs:** Katie reported that tonight's presentation will be by Peter Hoffman about Field Day in the era of the COVID pandemic. Efforts are underway to have a presentation about "Summits on the Air" (SOTA). For the future, she is still trying to arrange a presentation about interacting with satellites, a discussion about EBARC members' radio shacks, and getting ready for Field Day 2021.

**2nd VP-Hospitality:** In the absence of in-person meetings there is no need for refreshments. 2<sup>nd</sup> VP, Mathison discussed Field Day. The ARRL is continuing some rules developed for Field Day 2020, but the rules won't be exactly the same for 2021. The rules are expected to allow hybrid sessions. He is hoping that public health, as it has been affected by the pandemic, will be sufficiently under control to allow some group operations, as was done on pre-pandemic Field Days. He indicated he would be sending out a notice about the Field Day Committee shortly.

**3rd VP:** No report.

**President:** President Jay reminded attendees that there are several committees trying to advance matters for the club as follows:

Steering Committee, chaired by Katie Carney, to help guide programs and activities that are useful to the membership.

Storage/Equipment Committee, chaired by Jay Sparks, to determine long term sustainable arrangements to store club equipment. Also to evaluate current club equipment with regard to future activities, Field Day workstations being the most significant.

Field Day Committee, chaired by Mathison, to make necessary arrangements before, during and after Field Day; to assure that members and the public have opportunities to learn about ham radio; to assure that a location is found and is appropriately permitted to allow Field Day operations; that Field Day results are compiled and submitted; and to recognize the efforts of those who participated.

Bylaws Committee, no chair (volunteer welcome). To review club bylaws and make recommendations to revise and update, as warranted.

If members are interested in helping, Jay encouraged them to contact the various chairpersons.

### **Announcements:**

Chris Harwood (clarified by Jay Fenton), announced that the 94803 EmComm Project will again be using the Contra Costa Communications Club resources. On Saturdays, from 9:00 a.m. activities will be on 2 meters (145.110 MHz), at 9:15 will move to 1.25m (223.30 MHz), and at 9:30 will move to 70cm (44.275MHz). Review *The Blown Fuse* for full settings information for the WA6KQB repeaters or visit [wa6kqb.org](http://wa6kqb.org). Other details of the 94803 Project can be found at: <https://sites.google.com/view/mbcert1stwedemcomm/home/richmonds-zip-code-94803-project>

D.J. Djovida reiterated Chris' announcement and added that the 4Cs (Contra Costa Communications Club) have EmComm

activities on Saturday morning with 9:00 a.m. being West Contra Costa radio operators, in general, 9:15 being Contra Costa cities, and 9:30 being CERT program net. All use the W6CA repeater.

Todd Teachout, announced that the *QSO Conference* (aka *QSO Today Virtual Ham Expo*) was happening right now and this weekend. He encouraged members to attend. He also speculated that a few members were absent today due to their attending the conference.

Jan Kuhl, announced that she did not get the March *Blown Fuse* newsletter. Secretary Todd indicated that he would forward the info so she gets the newsletter.

**Presentation:** *Field Day in the Times of COVID-19*, by Peter Hoffman.

Peter reminded attendees that COVID-19 significantly disrupted Field Day in 2020 compared to previous Filed Days. It continues to be an important event.

Feld Day Purposes:

- 1) Have fun.
- 2) Practice emergency preparedness
- 3) Public outreach about amateur radio to the general public.

He encouraged attendees considering participating in 2021 to listen to authorities (public health, permitting, public safety) and read the Field Day rules. The event is a contest such that each contact contributes to a score. He offered tips about maximizing points awarded, so as to achieve the highest score. Field Day is a full day/night event. Maximizing the number of contacts made will likely require switching bands throughout the day/night.

He recommended that people planning to participate do the following things before the day:

- 1) Build/test antenna,

- 2) Participate in other contests to get a feel for what you have to do in a contest,
- 3) Find a mentor to help,
- 4) Ask questions,
- 5) Get motivated,
- 6) Send out QSL cards to the people you make contact with.

The meeting concluded with a joke from “Skip Town” (a.k.a. Chris Harwood).

Meeting adjourned 8:53 p.m. The next meeting is April 9, 2021.

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Many thanks to Michael McMillan, K6MCM, for preafrooding this month's *Blown Fuse*.

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**While working in my radio shack, I dropped an HT on my toe. It hertz!**

**Two antennas got married. The wedding was just so-so, but the reception was excellent.**

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## Future Bay Area Events

- Current Bay Area Public Service Events: See [www.ebarc.org](http://www.ebarc.org), click on “Current Events”, then scroll to “Calendar of Bay Area Ham Radio Public Service Events.”
- EBARC, ORCA, and ARCA sponsor joint ARRL VEC Amateur Radio test sessions quarterly at 9 a.m. in the Media Room, 1605 Martin Luther King Jr. Way (at 16<sup>th</sup> St.), Oakland. Because of COVID, there are tentative plans for 4<sup>th</sup> Sundays in Jul and Oct in 2021. The fee is \$15. Candidates must preregister at [davidotey@comcast.net](mailto:davidotey@comcast.net) or call 510-741-8227.
- East Bay Section ARRL ARES; [arrl.volunteerhub.com/lp/eb](http://arrl.volunteerhub.com/lp/eb). CoCoCo ACS Training: Details from “DJ” djovida, KJ6DJ, [kj6dj@arrl.net](mailto:kj6dj@arrl.net), (415) 215-6658, or via RACES net, 6:45 p.m., Thursdays on 145.11 MHz. Also see Sheriff Office’s Communications Unit David Nielson, K6CDN, [davidnielson@yahoo.com](mailto:davidnielson@yahoo.com)

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$30 for individual membership, \$35 for a family membership, and \$10 for students K-12. For information, send email to [ebham.office@gmail.com](mailto:ebham.office@gmail.com), contact any EBARC officer, see Web page [www.ebarc.org](http://www.ebarc.org), or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. You can also follow us on Twitter using @w6cus, or on Facebook's "East Bay Amateur Radio Club."

## 2021 East Bay Amateur Radio Club Executive Committee

Jay Sparks, KJ6HSH, President.....	384-4233
Katie Carney, KN6APB, 1 <sup>st</sup> VP - Program Chair .....	326-3886
Mathison Ott, KJ6DZB, 2 <sup>nd</sup> VP – Hospitality / Field Day Chair .....	701-0234
Sharon Primsch, AA6XZ, 3 <sup>rd</sup> VP - Membership / <i>Blown Fuse</i> Editor.....	741-8227
Todd Teachout, KM6HFU, Secretary .....	799-6051
Audrey Nieman, W6BBQ, Treasurer / Finance Chair.....	682-7938

## 2021 EBARC's Other Committee Heads and Contacts

W6CUS Trustee / Webmaster; Martin Rothfield, W6MRR .....	202-262-6345
Club Station Manager; Stanton Gleason, KD6SWU.....	385-4044
Education; Ken Fowler, KO6NO.....	222-0830

## AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5-)	145.110
Contra Costa Com. Club Digital Net (by arrangement)	Tue*	1900 (PL 82.5+)	444.275
Contra Costa Communications Club Net	Tue	1930 (PL 82.5-)	224.300
"QRM Net"	Tue	1930 (PL 82.5-)	224.300
UCB ARC (W6BB) EMMCOMM Net	1 <sup>st</sup> Wed	1200 (PL 131.8+)	440.900
UCB ARC (W6BB) EMMCOMM Net	1 <sup>st</sup> Wed	1200 (PL 107.2-)	145.490
UCB ARC (W6BB) EMMCOMM Net	1 <sup>st</sup> Wed	1200 simplex	145.430
UCB ARC (W6BB) Club Net	Wed	1900 (PL 103.5+)	442.275
West Contra Costa EMMCOMM Net	Thu	1845 (PL 82.5-)	145.110
KARO/ECHO ARES EMMCOMM Net	Thu	~1900 simplex	146.415
NALCO ARES EMMCOMM Net	Thu	1915 (PL 131.8+)	440.900
Oakland ARES Emergency Communications Net	Thu	1930 (PL 77-)	146.880
Contra Costa Communications Club Net	Thu	1930 (PL 82.5-)	145.110
Bay Shores Richmond EMMCOMM Net	Sat	0900 (PL 82.5-)	145.110
Bay Shores Richmond EMMCOMM Net	Sat	0915 (PL 82.5-)	224.300
Bay Shores Richmond EMMCOMM Net	Sat	0930 (PL 82.5+)	444.275

ACS West CoCoCo: "DJ" djovida, KJ6DJ, [kj6dj@arrl.net](mailto:kj6dj@arrl.net), (415) 215-6658.\*  
 Frequencies: #1=145.110, #2=147.570s.



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### ID-5100A Deluxe

#### VHF/UHF Dual Band Digital Transceiver

- Analog FM/D-STAR DV Mode • SD Card Slot for Voice & Data Storage • 50W Output on VHF/UHF Bands • Integrated GPS Receiver • AM Airband Dualwatch



### IC-7851 | HF/50MHz Transceiver

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### IC-705 | HF/50/144/430 MHz All Mode Transceiver

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### IC-R8600 | Wideband SDR Receiver

- 10 kHz to 3 GHz Super Wideband Coverage • Real-time Spectrum Scope w/Waterfall Function • Remote Control Function through IP Network or USB Cable • Decodes Digital ICI P25, NXDN™, D-STAR • SD Card Slot for Receiver Recorder



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- HF/50/144/430/440 MHz Multi-band, Multi-mode, IF DSP • D-STAR DV Mode (Digital Voice + Data) • Intuitive Touch Screen Interface • Built-in RTTY Functions



### ID-4100A | VHF/UHF Dual Band Digital Xcvr

- Compact, Detachable Controller for Flexible Installation • DV/FM Near Repeater Search Function • Apps for iOS™ and Android™ devices • Wireless Operation with VS-3 & UT-137 Bluetooth® Headset & Module • MicroSD Card Slot



### IC-7610 | HF/50 MHz All Mode Transceiver

- Large 7-inch color display with high resolution real-time spectrum scope and waterfall • Independent direct sampling receivers capable of receiving two bands/two modes simultaneously



### IC-2730A | VHF/UHF Dual Band Transceiver

- VHF/VHF, UHF/UHF simultaneous receive • 50 watts of output on VHF and UHF • Optional VS-3 Bluetooth® headset • Easy-to-See large white backlight LCD • Controller attachment to the main Unit



### IC-7300 | HF/50MHz Transceiver

- RF Direct Sampling System • New "IP+" Function • Class Leading RMDR and Phase Noise Characteristics • 15 Discrete Band-Pass Filters • Built-In Automatic Antenna Tuner



### IC-2300H | VHF FM Transceiver

- 65W RF Output Power • 4.5W Audio Output • MIL-STD 810 G Specifications • 207 alphanumeric Memory Channels • Built-in CTCSS/DTCS Encode/Decode • DMS



### IC-R30 | Digital/Analog Wideband Xcvr

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